

CLAIMS

1 - A rubber tread in particular for tires, comprising:

- 5     • a plurality of elements in relief (1) comprising lateral faces (13, 14, 15, 16) and one contact face (2) intended to be in contact along a surface with the roadway during travel of a tire provided with said tread, the limit of the surface of contact of the contact face (2) with the ground forming at least one ridge (23, 24, 25, 26),
- a plurality of cutouts (3, 4) in the form of grooves and/or incisions, said cutouts (3, 4) being defined by facing lateral faces (13, 15), (14, 16),
- 10    • each tread pattern element (1) being formed with at least one first rubber mix (referred to as "base mix"),

15    this tread being **characterised in that**, viewed in section in a plane containing the thickness of this tread, at least one face defining at least one cutout is covered at least in part with a second rubber mix, referred to as "covering mix", this part consisting of covering mix extending when new over a height  $H_r$  at least equal to 30% of the height  $H$  of the face, at least one base mix opens on to the contact face when new or at the latest after wear at most equal to 10% of the height  $H_r$ , said covering mix comprising a butyl rubber, and in that the covering mix comprises a plasticiser of the unsaturated  $C_{12}$ - $C_{22}$  fatty acid ester type.

20    2°- A tread according to Claim 1, characterised in that the amount of ester is between 5 and 80 phr, preferably between 10 and 50 phr.

3 - A tread according to one of Claims 1 or 2, characterised in that the fatty acid ester is a glycerol trioleate.

25    4 - A tread according to Claim 3, characterised in that the amount of glycerol trioleate is between 15 and 30 phr.

5 - A tread according to one of Claims 1 to 4, characterised in that the covering mix comprises more than 15 phr, preferably more than 30 phr (parts by weight per hundred parts of elastomer) of butyl rubber.

30    6 - A tread according to Claim 5, characterised in that the covering mix comprises from 50 to 100 phr of butyl rubber.

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8 – A tread according to one of Claims 1 to 7, characterised in that the base mix is devoid of butyl rubber.

9 - The use of a tread according to any one of Claims 1 to 8 for the manufacture or retreading of tires.

5 10 - A tire comprising a tread according to any one of Claims 1 to 8.